



Attorney Docket: 3098-160

3746  
JFV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : LIU  
Application No. : 10/722,537  
Filed : November 28, 2003  
Title : UNIT UTILIZING CURRENT TO CONTROL RECIPROCATION  
FOR PUSHING FLUIDS  
Group Art Unit : 3746  
Examiner : Unassigned  
Docket No. : 3098-160

**MAIL STOP AMENDMENT**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL COVER SHEET**

Sir:

Transmitted herewith for filing are the following:

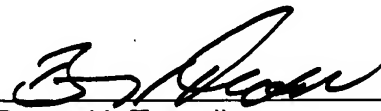
1. PRELIMINARY AMENDMENT.

The Commissioner is hereby authorized to charge any fees which may be required for the filing of this document to Deposit Account No. 501874.

Respectfully submitted,

Date: November 17, 2004

By:

  
Bruce H. Troxell  
Reg. No. 26,592

TROXELL LAW OFFICE PLLC  
5205 Leesburg Pike, Suite 1404  
Falls Church, Virginia 22041  
Telephone: 703 575-2711  
Telefax: 703 575-2707



Attorney Docket: 3098-160

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : LIU  
Application No. : 10/722,537  
Filed : November 28, 2003  
Title : UNIT UTILIZING CURRENT TO CONTROL  
RECIPROCATION FOR PUSHING FLUIDS  
Group Art Unit : 3746  
Examiner : Unassigned  
Docket No. : 3098-160

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Sir:

Prior to examination, please amend the above-identified application as follows: